

SW UPDES Requirements for Industrial Facilities Owned by Municipalities



Presented by Mike George

11 Categories of Industrial Discharge

- (i) Facilities with Effluent Limitations
- (ii) Manufacturing
- (iii) Mineral, Metal, Oil and Gas
- (iv) Hazardous Waste, Treatment or Disposal Facilities
- (v) Landfills
- (vi) Recycling Facilities
- (vii) Steam Electric Plants
- (viii) Transportation Facilities
- (ix) Treatment Works
- (x) Construction Activity
- (xi) Light Industrial Activity



Discharges Covered Under This Section (Sector P)

- Storm water discharges from ground transportation facilities (generally identified by Standard Industrial Classification codes 40, 41, 42, 43, and 5171) that have vehicle and equipment maintenance shops

<http://www.waterquality.utah.gov/UPDES/stormwaterind.htm>

Notice of Intent

- One page form
- No permit fee currently for municipalities
- Requires general facility operator and site info, site activities, and signed certification

Storm Water Pollution Prevention Plan

- The Plan at a minimum must contain the following items:
 - Pollution Prevention Team
 - Description of Potential Pollutant Sources
 - Measures & Controls
 - Comprehensive Site Evaluation and Inspections

Pollution Prevention Team

- Identifies a specific individual or individuals
- Team is responsible for developing the SWPPP and assisting the facility or plant manager in its implementation, maintenance, and revision
- Clearly identifies the responsibilities of each team member

Description of Potential Pollutant Sources

- Drainage and Site Map
 - Drainage areas
 - Drainage patterns/outfalls
 - Structural and non-structural controls
 - Surface waters
 - Significant materials exposed to precipitation
 - The location of leaks or spills that have occurred in the last 3 years
 - Location of industrial activities exposed to precipitation
- Inventory of Exposed Materials
- Spills and Leaks
- Sampling Data



Measures & Controls

- Non-Structural Controls
 - Good Housekeeping
 - Preventative Maintenance
 - Spill Prevention and Response Procedures
 - Inspections
 - Employee Training
 - Non-storm Water Discharge Certification
- Structural Controls
 - Sediment and Erosion Control
 - Management of Runoff



Facility Inspections

- Quarterly visual monitoring intended to determine need for maintenance, good housekeeping, or other BMPs
- Annual Comprehensive Site Evaluation
 - Look for evidence of pollutants entering the drainage system
 - Evaluate the performance of pollution prevention measures
 - Identify areas where the Plan should be revised to reduce the discharge of pollutants
- Both types need to be documented in a report



Site-Specific Industrial BMPs

- Other Preventative Practices
 - Structural or procedural measures taken to reduce/eliminate exposure
- Sediment and Erosion Prevention Practices
 - Vegetation, stabilization, minimization of soil exposure, removal, etc
- Infiltration Practices
 - Measures that increase the infiltration of SW runoff into the ground

Major Potential Sources of Pollutants Associated With Industrial Activity

- Loading and unloading of dry bulk materials or liquids (salt storage)
- Outdoor storage of raw materials or products
- Outdoor process activities
- Illicit connections or inappropriate management practices
- Waste disposal activities



Conditional No Exposure Exclusion

- Operators of industrial facilities in any of the 11 categories, except construction, can certify to a condition of “no exposure” if their industrial materials and operations are not exposed to storm water.
- As long as condition of “no exposure” exists at a certified facility, the operator is excluded from UPDES industrial storm water permit requirements.



Next Steps

- 30 Day notice sent within a couple weeks
- Develop SWPPP and submit NOI if required

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UPDES/stormwaterind.htm](http://www.waterquality.utah.gov/UPDES/stormwaterind.htm)